

WHAT IS CLAIMED IS:

1. A system to establish a trusted and decentralized peer-to peer network comprising:

communication means;

n user computing devices connected to the communication means, where n is greater than or equal to 1 and is an integer; and

a host computing device connected to the communication means having a mechanism to establish a decentralized trusted communications network with at least 2 of the n user computing devices through which digital signals are shared securely between the host computing device and the 2 user computing devices of the trusted communications network.

2. A method for establishing a trusted and decentralized peer-to-peer network comprising the steps of:

sending a public key from a host computing device to communication means connected to the host computing device;

receiving the public key at a first user computing device connected to the communication means; and

receiving the public key at a second user computing device to establish a decentralized trusted communications network between the host computing device, the first and the second computing device through which digital signals are shared securely between the host computing device, the first user computing device and the second user computing device.